IEEE P1752 Sleep Subgroup Meeting

Minutes of conference call held July 10, 2018, 8:30AM Pacific daylight time

Conference call started at 8:32 AM Pacific Daylight Time on join.me

Slide deck presented by subgroup Chair Charlotte Chen (available on iMeet)

Attendees:

Koichiro Matsumoto (Japan)

Ray Krasinski (Philips)

Banu (PSG Tech, India)

Anna T. (IEEE SA)

Simona Carini (UCSF)

Josh Schilling (Vibrent Health)

Charlotte Chen (Philips)

Antoni Grzanka (self-affiliated)

Agenda

1. Introduction by Chair
2. Review Deliverables and Timeline
3. Review of Task Team Progress
4. Stage 2 Tasks
5. Stage 2 divide and conquer approach
6. Adjourn

1. Introduction by Chair

2. Review Deliverables and timeline

* 2 of 3 task teams appear on schedule
* Draft report due July 14, to be reviewed by the full subgroup
* Final report due July 21
* Next stage will build on the findings from this stage
* Stage 2 kickoff planned for July 23 with completion planned by Nov 9. Review of Sleep schemas and Use Cases planned for Oct 22.

3. Review of Task Team progress:

* Task Team 1(Antoni Grzanka): Clinically Important Sleep attributes
  + Not significant results so far
  + Association of attributes to outcomes in the table is not well defined in literature
  + Work is quite complicated without good scientific literature to use as a basis
  + It would be good to get a physician with expertise in sleep to assist with this task
* Task Team 2 (Josh Schilling): Common Sleep Attributes
  + Looking at common sleep attributes from existing apps and devices
  + What data is being collected by these apps and devices and what are the mechanisms they use to collect the data?
  + Started working on a more formalized report assembling up the team findings
  + Should have a 0.8 or 0.9 version ready by the end of this week (July 13). Right now the working draft is only open to the task team but will be open to the larger group by the end of the week
* Task Team 3 (Ray Krasinski): Standards Comparison
  + Circulated a 2nd draft of the document June 21
  + Latest draft includes information on sleep nomenclature related to IEEE 11073 and CTA R6.4 WG1. Document already contains information on Open mHealth sleep schemas.
  + Is this document at a correct level of detail? Group conclusion is that the document detail level is good.
  + Ray will post a new version of the document in the next 2 days for wider comment

4. Stage 2 Tasks

* Would be good for sleep subgroup members to review the schema design principles in preparation for stage 2 work start
* Plan is to review existing sleep schemas and propose new schemas or modify existing schemas based on the findings of stage 1 and on stage 2 discussions
* Group will need to produce use cases for sleep schemas for stage 2. These use cases will be used as input for the creation of new sleep schemas and for making changes to existing schemas

5. Stage 2 divide and conquer approach

* Discussion on whether we should work in small task teams or work as a single large group.
* Proposal 1: Divide the group into 4 task teams to allow for the group to work on multiple topics at the same time
* Simona volunteers to provide an overview of the existing schemas for the subgroup in a future call
* Main goal of stage 2 is to solicit and develop use cases and then draft schemas based on the use cases
* Proposal 2: Generate use cases by the full subgroup and then divide the use cases into task teams for use in the creation of new schemas (or updating existing schemas)
* Charlotte will send an e-mail to the full group to solicit comments on the 2 proposed approaches for how the group should proceed on stage 2.

Action Items

* Charlotte: Send an e-mail to the subgroup to ask for input on 2 proposed approaches for Stage 2
* Team: Review comments on the draft outputs from stage 1: July 14

Conference Call adjourned 9:23AM, PDT

Next Call: Tuesday, Aug 14 at 8:30AM Pacific Daylight Time

Minutes taken by subgroup secretary Ray Krasinski